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PATENT & TRADEMARK

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First Named Inventor	Yamane
Group Art Unit	2153
Examiner Name	Salad
Attorney Docket No.	ATV-005 (594/12)
Patent No.	Not applicable
Issue Date	Not applicable

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Technology Center 2100

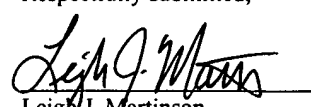
ENCLOSURES (check all that apply)

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PATENT

Attorney Docket No. ATV-005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT: Yamane *et al.*

SERIAL NO.: 09/376,017

GROUP NO.: 2153

JUL 16 2002

FILING DATE: August 19, 1999

EXAMINER: Salad

Technology Center 2100

TITLE: WEB SERVER CONTENT REPLICATION

**RESPONSE UNDER 37 C.F.R. 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP NO. 2153**

Box AF

Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116

In response to the Final Office Action mailed April 9, 2002, Applicants respectfully submit the following Amendment under 37 C.F.R. § 1.116. Please make the following changes, without prejudice, and consider the following remarks

In the Claims:

Please add new claim 21.

Please amend claims 1, 2, 3, 12, 13, 15, 16, 18, and 20 to read as follows.

1.(Twice Amended) A method for notifying a computer of changes to a master source file set, comprising the steps of:

- (a) identifying changes in the master source file set on a master computer;
- (b) storing the identified changes in a modification list comprising uniform resource locators specifying a changed file of the master source file set;

(c) transmitting the modification list to one or more computers, thereby notifying the one or more computers that the master source file set has changed; and

(d) receiving a response from the one or more computers indicating that the identified changes are installed.

2.(Twice Amended) The method of claim 1 wherein the at least one computers comprises a web cache server.

3.(Twice Amended) The method of claim 1 wherein the identifying step comprises the steps of:

inspecting a current version of the master source file set; and

comparing the current master source file set to a previous version of the master source file set on the master computer.

12.(Twice Amended) A method for replicating changes in a master source file set on a destination file system and for notifying one or more computers of the changes, comprising the steps of:

(a) identifying changes in the master source file set on a master computer;

(b) storing the changes in a first modification list;

(c) transmitting the first modification list to an agent having access to the destination file system;

(d) storing the changes in a second modification list comprising uniform resource locators specifying a changed file of the master source file set;

(e) transmitting the second modification list to the one or more computers, thereby notifying the one or more computers that the master source file set has changed; and

(f) receiving a response indicating that the identified changes are installed.

13.(Amended) The method of claim 12 wherein the one or more computers comprises a web cache server.

15.(Twice Amended) A method for replicating changes in a master source file set on a destination file system and for notifying one or more computers of the changes, comprising the steps of:

- (a) identifying changes in the master source file set on a master computer;
- (b) storing the changes in a modification list comprising uniform resource locators specifying a changed file of the master source file list;
- (c) transmitting the modification list to one or more agents having access to the destination file system;
- (d) transmitting the modification list to the one or more computers, thereby notifying the one or more computers the master source file set has changed; and
- (e) receiving a response indicating the identified changes are installed.

16.(Twice Amended) A web service system, comprising:
a manager for managing the web service system;
a host comprising a web server for receiving web page requests and an agent in communication with the manager and the web server;
a web cache; and
a content distributor in communication with the web cache, the host, and the manager, the content distributor providing notification of changes to a master source file set on a master computer to the host and receiving a response indicating that the identified changes are installed.

18.(Twice Amended) The system of claim 16, wherein the content distributor comprises:
(a) an identification module for identifying changes in the master source file set on a master computer;
(b) a modification list for storing identified changes to the master source file set;
(c) a transmitter for transmitting the modification list to the agent, the agent having access to a destination file system; and
(d) a receiver for receiving a response indicating that the identified changes are installed.

20.(Twice Amended) A content distributor, comprising:
(a) an identification module for identifying changes in a master source file set on a master computer;